

Notice of Allowability

Application No.

10/804,918

Examiner

Quang N. Nguyen

Applicant(s)

HALLIN, THOMAS G.

Art Unit

2141

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/17/2006.
2. ☒ The allowed claim(s) is/are 14, 19, 28 and 34.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


RUPAL DHARIA
SUPERVISORY PATENT EXAMINER

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this Examiner's Amendment was given by the Applicant's Representative, Mr. Kevin D. Wills (Reg. No. 43,993), on December 13th, 2006.

3. Please amend claims 14, 28 and 34 as below:

Claim 14. (Currently Amended) A method for registering multiple communication devices in a Session Initiation Protocol (SIP) based communication system comprising the steps of:

identifying a communication device for registration by a user for providing an identified communication device;

setting a registration time of the identified communication device for registering the identified communication device of the user;

selecting an expiration registration time corresponding to the identified communication device and based upon a type of the identified communication device, wherein the expiration registration time selected for a first type of identified

Art Unit: 2141

communication device is a first value, wherein the expiration registration time selected for a second type of identified communication device is a second value, the second value being greater than the first value;

selecting a priority ~~[of]~~ for the identified communication device based upon one or more of the type of the identified communication device, a type of registration by the user of the identified communication device and ~~[the]~~ a location of the identified communication device, wherein the step of selecting the priority for the identified communication device further comprises:[::]

selecting a first priority based upon a location of a mobile station or based on a manual registration; and

selecting a second priority for an automatic registration or re-registration, wherein the first priority is higher than the second priority; and

storing the identified communication device, the priority, the registration time and the expiration registration time ~~[in an entry in a database]~~ corresponding to the identified communication device in an entry in a database.

Claim 28. (Currently Amended) A method for registering multiple communication devices in a Session Initiation Protocol (SIP) based communication system comprising the steps of:

identifying a communication device for registration by a user for providing an identified communication device;

setting a registration time of the identified communication device for registering the identified communication device of the user;

selecting an expiration registration time corresponding to the identified communication device and based upon a type of the identified communication device;

selecting a priority for the identified communication device in the SIP based communication system based upon the type of the identified communication device, **wherein the step of selecting the priority for the identified communication device further comprises:[:]**

selecting a first priority based upon a location of a mobile station or based on a manual registration; and

selecting a second priority for an automatic registration or re-registration, wherein the first priority is higher than the second priority; **and**

~~[storing the identified communication device and the priority corresponding to the communication device in the database; and]~~

storing the identified communication device, **the priority**, the registration time and the expiration registration time ~~[in an entry in a database]~~ corresponding to the identified communication device **in an entry in a database**.

Claim 34. (Currently Amended) A method for registering multiple communication devices in a Session Initiation Protocol (SIP) based communication system comprising the steps of:

Art Unit: 2141

identifying a communication device for registration by a user for providing an identified communication device;

selecting a priority ~~[of]~~ **for** the identified communication device based upon one or more of the type of the identified communication device, ~~[the]~~ **a** type of registration by the user of the identified communication device and ~~[the]~~ **a** location of the identified communication device, **wherein the step of selecting the priority for the identified communication device further comprises:[:]**

selecting a first priority based upon a location of a mobile station or based on a manual registration; **and**

selecting a second priority for an automatic registration or re-registration, wherein the first priority is higher than the second priority; and

storing the identified communication device and the priority ~~[in an entry in a database]~~ corresponding to the identified communication device **in an entry in a database.**

4. Pursuant to MPEP 606.01, the title has been changed to read:

-- METHOD AND SYSTEM FOR REGISTERING MULTIPLE COMMUNICATION DEVICES OF A USER IN A SESSION INITIATION PROTOCOL (SIP) BASED COMMUNICATION SYSTEM --

5. Claims 14, 19, 28 and 34 are allowed.

6. The following is an examiner's statement of reasons for allowance:

In interpreting the claims, in light of the specification and the applicant's amendments filed on 10/17/2006, the Examiner finds the claimed invention to be patentably distinct from the prior art of records.

Shiga et al. (US 2004/0083282 A1) teach a system and method of selecting a receiving terminal from a plurality of terminals for multimedia communication based on the dynamic situation of the receiving user as well as the priority assigned to each terminal (**Shiga, Fig. 12A and paragraphs [0008] and [0038]**).

Matsuzaki et al. (US 2004/0162870 A1) teach a method and system for registering client devices, wherein the registration unit 109 conducts processing of client registration by acquiring a registration date-time from the timer unit 119, then registering a client ID in the registered device list in the same row as the acquired registration date-time (*i.e., setting and storing a registration time of the identified communication device*). **Matsuzaki** also teaches when registering each client device 200, the server 100 may generate expiry information showing a time period during which the registration of each client device 200 remains valid and store the expiry information in the field WITHDRAWAL DATE-TIME of the registered device list corresponding with each client device 200, as illustrated in Fig. 4 (*i.e., selecting and storing an expiration registration time corresponding to the identified communication device*) (**Matsuzaki, Fig. 4 and paragraphs [0063-0064], [0067] and [0303]**).

Hind et al. (US 2004/0136358 A1) teach a system and method for establishing communication with mobile devices via a wireless packet data network, wherein data packets arrive at the gateway 140 from mobile devices 100, if the packet is a normal data packet, the gateway 140 routes the data to the correct redirector 12 according to the destination address in the packet header. The idle timer is also set or reset for this mobile device to ensure that the IP address is kept current and valid. Additionally, the IP mapping database 525A is updated in case the IP address for this mobile changed and an expiry timer is set for the mobile to indicate when the IP address might go stale (i.e., changing the IP address and storing the current IP address with the expiry information in the entry of the identified communication device in the database) (**Hind, paragraphs [0072-0074]**).

However, the prior art of records fail to teach or suggest individually or in combination that a computer system and method for registering multiple communication devices in a Session Initiation Protocol (SIP) based communication system comprising the steps of: identifying a communication device for registration by a user for providing an identified communication device; setting a registration time of the identified communication device for registering the identified communication device of the user; selecting an expiration registration time corresponding to the identified communication device and based upon a type of the identified communication device, wherein the expiration registration time selected for a first type of identified communication device is a first value, wherein the expiration registration time selected for a second type of identified communication device is a second value, the second value being greater than

the first value; selecting a priority for the identified communication device based upon one or more of the type of the identified communication device, a type of registration by the user of the identified communication device and a location of the identified communication device, wherein the step of selecting the priority for the identified communication device further comprises: selecting a first priority based upon a location of a mobile station or based on a manual registration; and selecting a second priority for an automatic registration or re-registration, wherein the first priority is higher than the second priority; and storing the identified communication device, the priority, the registration time and the expiration registration time corresponding to the identified communication device in an entry in a database as set forth in claims 14, 19, 28 and 34. Claims 14, 19, 28 and 34 are allowed because of the combination of other limitations and the limitations listed above.

The examiner finds the combination of prior art of records fail to disclose the features of the invention including selecting the priority for the identified communication device further comprises: selecting a first priority based upon a location of a mobile station or based on a manual registration; and selecting a second priority for an automatic registration or re-registration, wherein the first priority is higher than the second priority, as claimed in the invention to allow the selection of the device most likely to be used by the called party at the present time, i.e., to allow the selection of the best choice alternative for call routing when a user has multiple registered contact devices, wherein the selection is based first on priority and second upon registration time (see **Specification, page 7, lines 7-18**).

Art Unit: 2141

7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should clearly labeled "Comments on Examiner's Amendment".

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang N. Nguyen whose telephone number is (571) 272-3886.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's SPE, Rupal Dharia, can be reached at (571) 272-3880. The fax phone number for the organization is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Quang N. Nguyen
Patent Examiner
AU - 2141



RUPAL DHARIA
SUPERVISORY PATENT EXAMINER